



Overview

BETTER BUILDINGS, BETTER PLANTS

Better Plants Program

The U.S. Department of Energy's (DOE's) Better Buildings, Better Plants Program is a voluntary partnership initiative to drive significant energy efficiency improvement across energy intensive companies and organizations. 157 leading manufacturers and public water and wastewater treatment utilities are partnering with DOE through Better Plants to improve energy efficiency, slash carbon emissions, and cut energy costs.

Partner Benefits

Manufacturers and public water utilities in the Better Plants Program set energy saving goals, usually 25% over 10 years. They receive:

- ▶ **National Recognition** to highlight their leadership including a feature on the Department's website, annual recognition letters from DOE management, and invitations to special events. Partner success stories are also highlighted in DOE newsletters and other publications.
- ▶ **Technical Support** through a Technical Account Manager (TAM) who helps Partners establish energy baselines, develop energy management plans, identify energy-saving opportunities, identify energy recovery opportunities, and track energy performance metrics. TAMs also guide companies in the use of DOE's energy performance tools and connect companies to additional resources at the federal, state, or local level.
- ▶ **In-Plant Trainings** are unique 2- to 4-day events, led by experts in energy intensive processes who train plant staff to establish energy management systems, conduct plant assessments, analyze pump and aeration processes, and use DOE tools, and implement cost-effective projects. Better Plants Partners can apply to host or participate in these special training events.
- ▶ **Energy Saving Resources** are available to Better Plants Partners on a facilitated basis. These resources include free energy audits for qualifying facilities, free CHP screenings, energy analysis software tools, and peer-to-peer networking opportunities.
- ▶ **Additional Opportunities** are open to Better Plants Partners to deepen and expand their commitment to energy efficiency. For example, 29 companies (bolded on page 2) have stepped up to the Better Plants Challenge, a high-level leadership program for manufacturers and water utilities demonstrating enhanced transparency around their energy performance data and best practices. Additionally, DOE is working with a select group of partners on separate initiatives targeting supply chain energy efficiency and water savings.

Better Plants Snapshot, September 2015

Accomplishments	Total
Number of Partner Companies	157
Approximate Number of Plants	2,400
Percent of U.S. Manufacturing Energy Footprint	11.4%
Reported Savings	
Cumulative Energy Savings (TBtu)	457
Cumulative Cost Savings (Billions)	\$2.4
Cumulative Avoided CO ₂ Emissions (Million Metric Ton)	26.6
Average Annual Energy Intensity Improvement Rate	2.1%

How to Join the Program

Joining the Better Plants Program is easy. Contact the Better Plants team via e-mail at BetterPlants@ee.doe.gov to receive the voluntary commitment form. Return the form, signed by your CEO or senior executive. From there, DOE will organize a call with your company to kick off the partnership.

Better Plants Partners as of September 2015

- **3M**
- AbbVie, Inc.
- **Alcoa Inc.**
- Amcor Rigid Plastics
- ArcelorMittal USA
- Arkema
- AT&T
- Ball Corporation
- BD
- **Bentley Mills**
- BIC Graphic USA Manufacturing Co., Inc.
- BPM Inc.
- Bradken
- Bridgestone Americas
- **Briggs & Stratton**
- Buck Company
- **Bucks County Water and Sewer Authority**
- CalPortland Company
- Carlton Forge Works
- Carus Chemical Company
- **Celanese Corporation**
- Chapco, Inc.
- Chippewa Valley Ethanol Company
- Citrus World, Inc.
- Coilplus Inc.
- Comau Inc.
- Commercial Metals Company
- Complete Design and Packaging
- **Cummins, Inc.**
- Daikin Applied Americas, Inc.
- **Darigold**
- Davisco Foods International, Inc.
- Delta Diablo
- Denison Industries
- Didion Milling
- DSM North America
- Duke Manufacturing Company
- Durex Inc.
- Earth₂O
- **Eastman Chemical Company**
- Eaton Corporation
- Eck Industries
- Encina Wastewater Authority
- Expera Specialty Solutions
- Flambeau River Papers
- Flying Foods Group
- **Ford Motor Company**
- General Aluminum Manufacturing Company
- General Dynamics Ordnance and Tactical Systems
- **General Electric**
- **General Mills**
- **General Motors**
- General Sheet Metal Works
- GKN Aerospace
- Golden Renewable Energy, LLC
- Goodyear Tire and Rubber Company, US Tire Plants
- Graphic Packaging
- **Harbec Inc.**
- Harley-Davidson Motor Company
- Harrison Steel Castings Co.
- Haynes International
- Hitchiner Manufacturing Co, Inc.
- HNI Corporation
- **Holcim (US) Inc.**
- Huntsman Corporation
- Ingersoll Rand
- Ingevity
- Intel
- International Paper
- Intertape Polymer Group Inc.
- **Ithaca Area Wastewater Treatment Facility**
- **J.R. Simplot**
- JBT Corporation
- Johnson & Johnson
- **Johnson Controls, Inc.**
- Johnson Matthey Emission Control Technologies Division
- Kent County Department of Public Works
- Kenworth Truck Company
- Kingspan Insulated Panels, Inc.
- Land O' Lakes
- **Legrand North America**
- **Lennox International**
- Lineage Logistics
- Lockheed Martin
- Los Angeles Bureau of Sanitation
- **Los Angeles Department of Water and Power**
- Lufkin Industries, Inc.
- Lynam industries, Inc.
- Magnetic Metals Corporation
- Manitowoc Grey Iron Foundry
- Mannington Mills
- Marquis Energy, LLC
- Marquis Energy Wisconsin
- MB Aerospace
- McCain Foods USA
- MedImmune, LLC
- Metal Industries, Inc.
- Mohawk Industries
- Narragansett Bay Commission
- Navistar, Inc.
- Neenah Foundry
- **Nissan North America**
- Novati Technologies, Inc.
- Novelis Inc.
- NY DEP – Bureau of Wastewater Treatment
- O'Fallon Casting
- OFD Foods, Inc.
- OMNOVA Solutions
- Oshkosh Corporation
- OSRAM SYLVANIA
- Owens Corning
- Pactiv
- PaperWorks Industries, Inc.
- Patrick Cudahy
- Patriot Foundry & Castings
- PepsiCo
- Pima County Regional Wastewater Reclamation Department
- PPG Industries
- Procter & Gamble
- Quad/Graphics, Inc.
- Raytheon Company
- Revstone Castings Fairfield
- Richmond Industries
- Roche Diagnostics
- RockTenn-Harrison
- Rowley Spring and Stamping
- RTI International Metals
- **Saint-Gobain Corporation**
- **Schneider Electric**
- Selmet, Inc.
- Serious Materials
- Shaw Industries Group, Inc.
- Solberg Manufacturing, Inc.
- Sony DADC
- Spirax Sarco, Inc.
- St. Petersburg Water Resources Department
- Stanley Spring & Stamping Corporation
- Steelcase, Inc.
- SunOpta, Inc.
- Sunoptics Prismatic Skylights
- **TE Connectivity**
- Tenaris
- Texas Instruments Inc.
- Textron Inc.
- The Dow Chemical Company
- The Sherwin-Williams Company

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- The Shredder Company
- The Step2 Company
- ThyssenKrupp Elevator
- **Toyota Motor Engineering and**
- **Manufacturing North America**
- TPC Group LLC
- **United Technologies Corporation**
- **Victor Valley Wastewater Reclamation Authority**
- **Volvo Group North America**
- Waupaca Foundry, Inc.
- Weber Metals, Inc.
- Weyerhaeuser
- Whirlpool Corporation
- World Kitchen, LLC

Key: **Bold** = Better Plants Challenge Partner